

Fig. 1

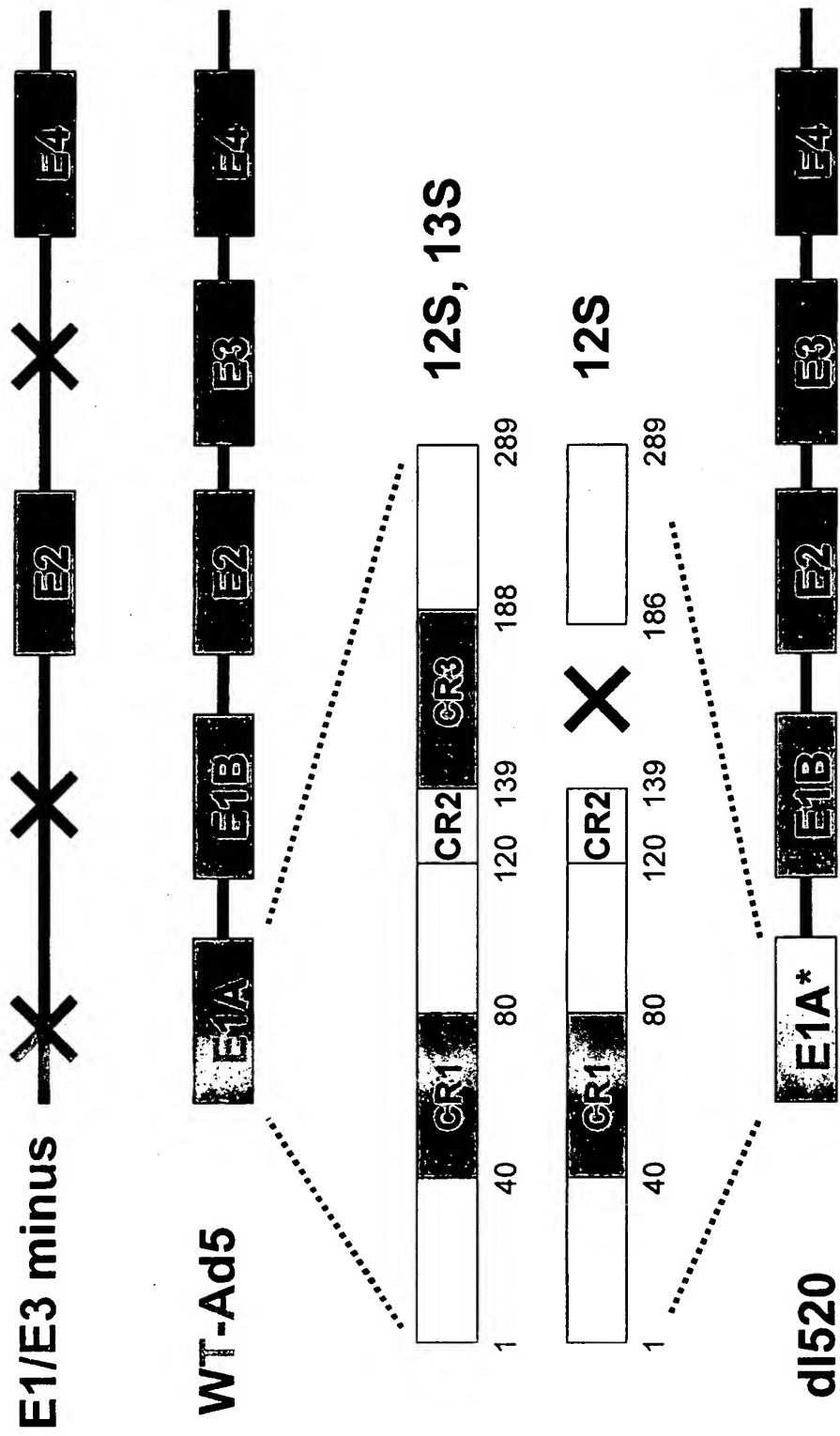


Fig. 2

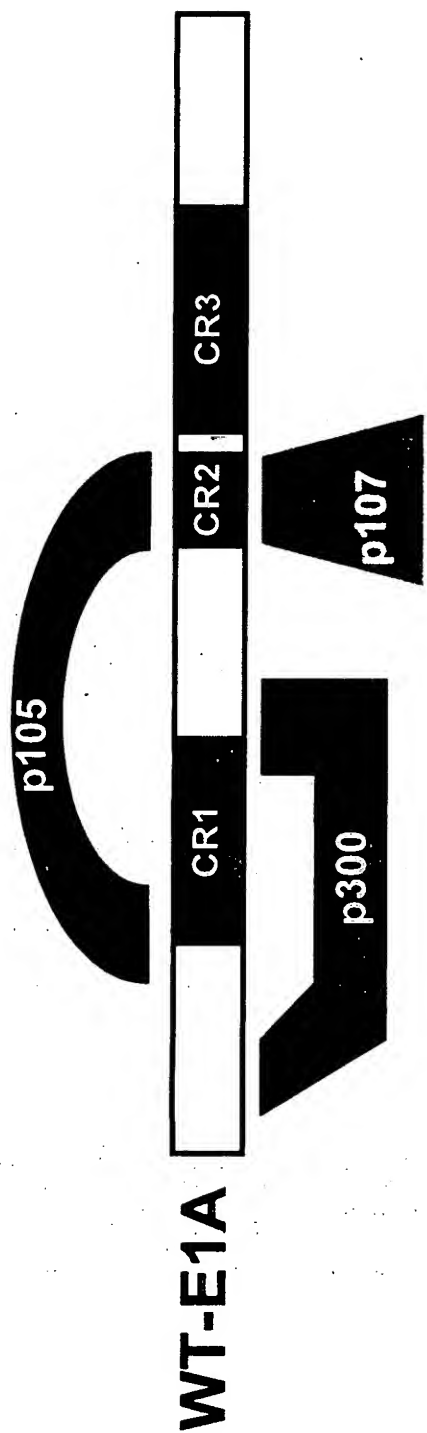


Fig. 3

E1/E3-minus Ad5

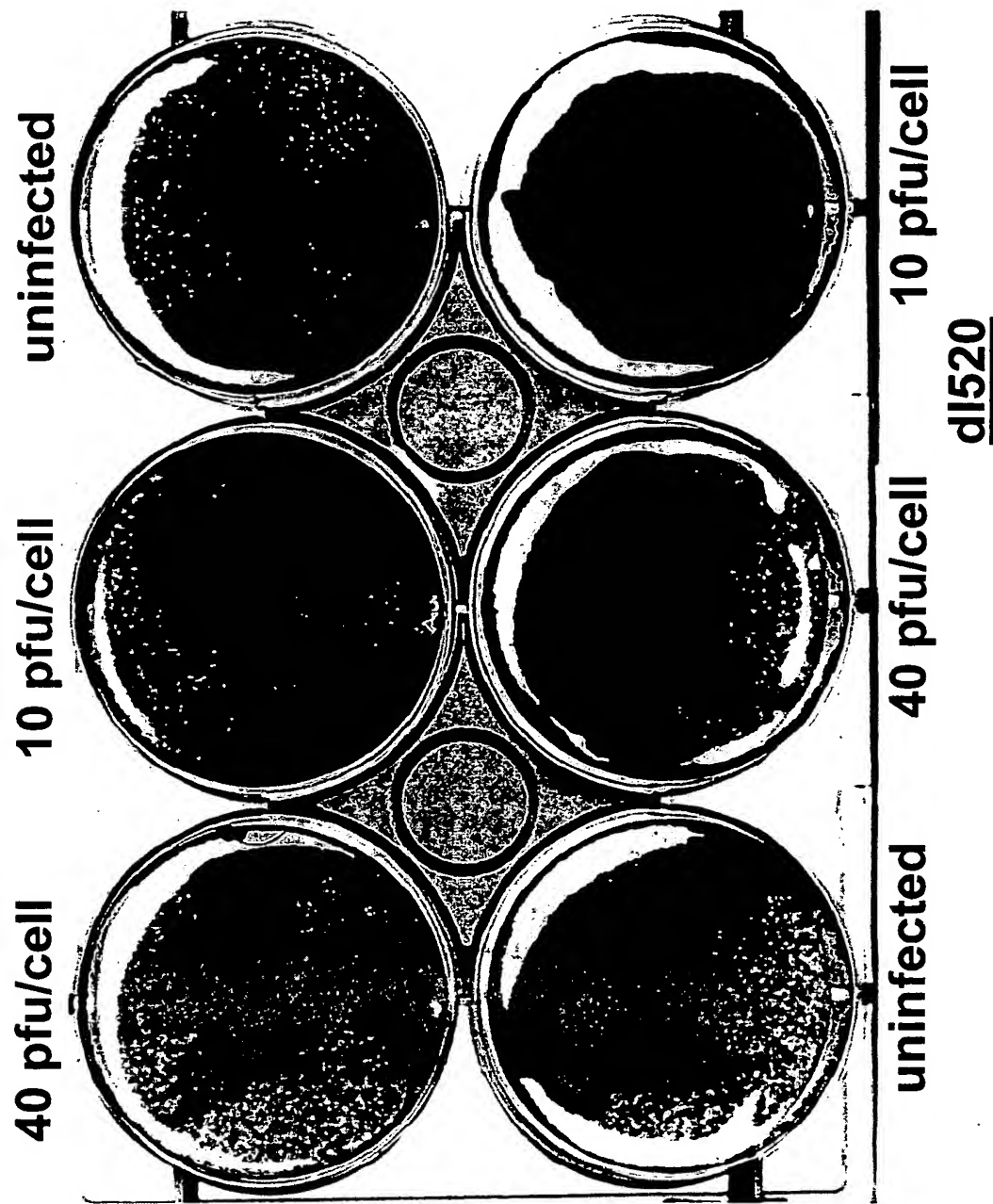
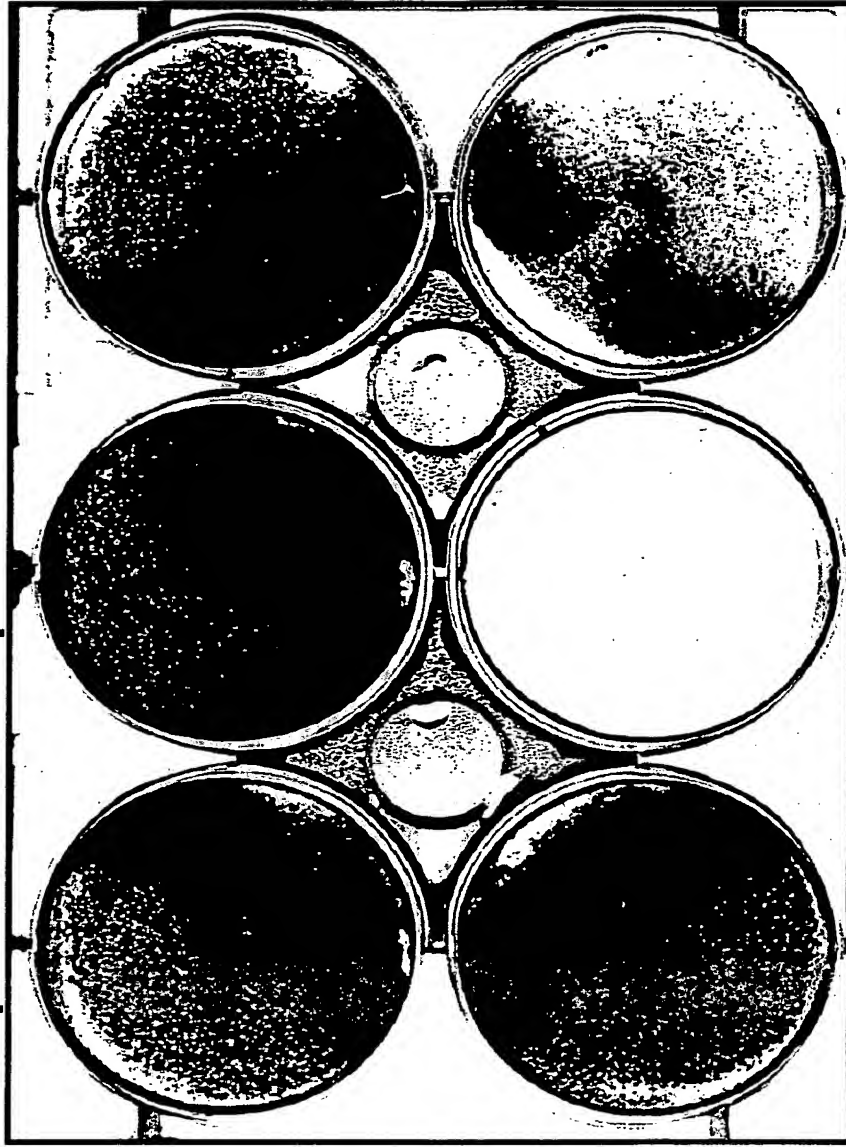


Fig. 4

E1/E3-minus Ad5

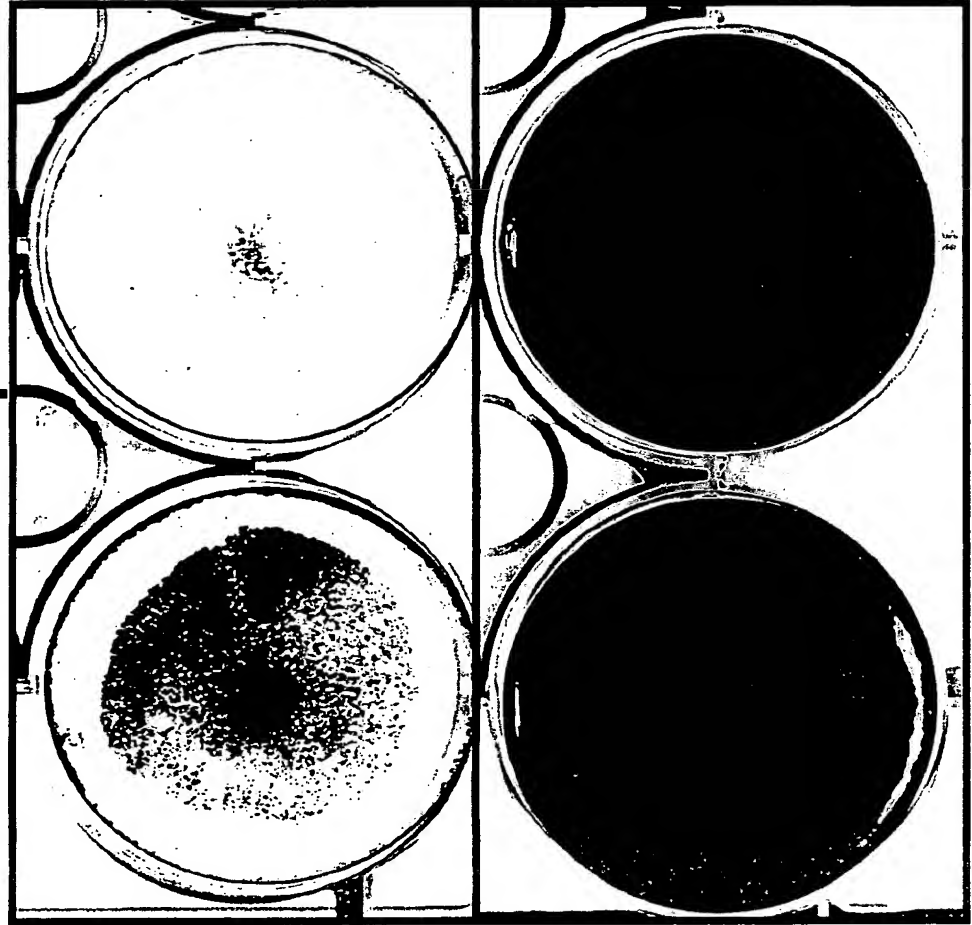
40 pfu/cell 10 pfu/cell uninfected



uninfected 40 pfu/cell 10 pfu/cell

dl520

Fig. 5
not infected 20 pfu/cell



257RDB

U2OS

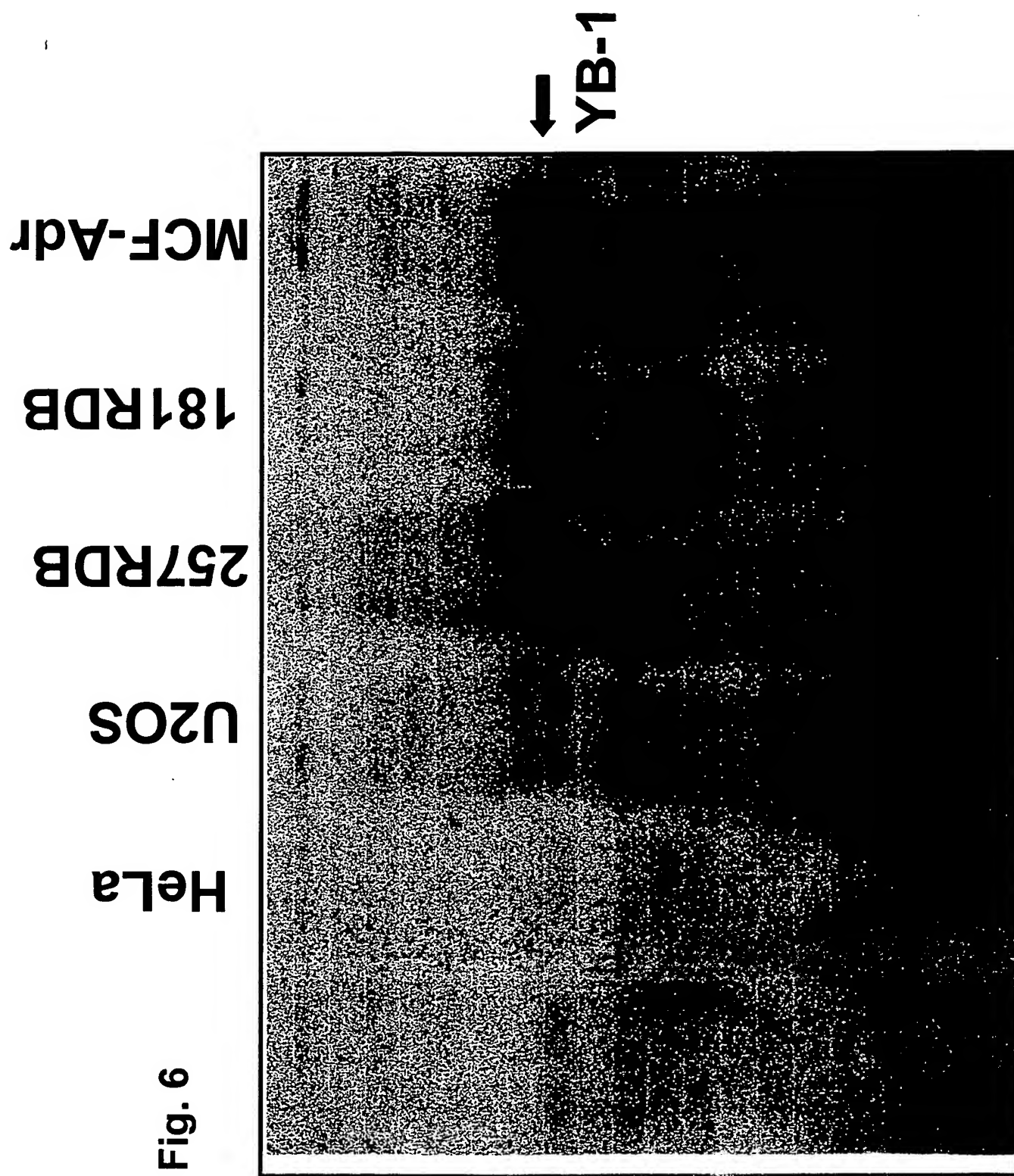
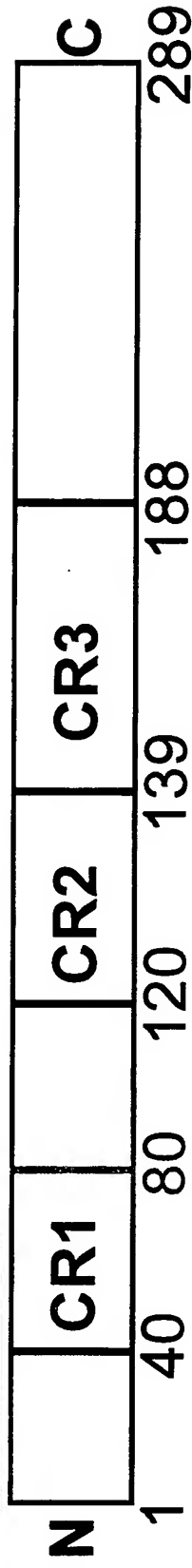


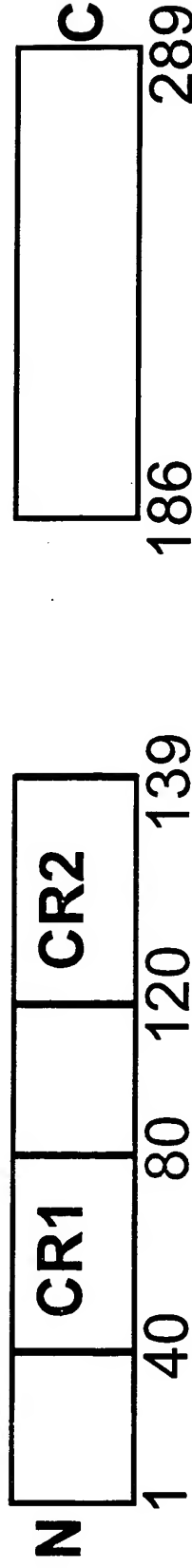
Fig. 6

Fig. 7

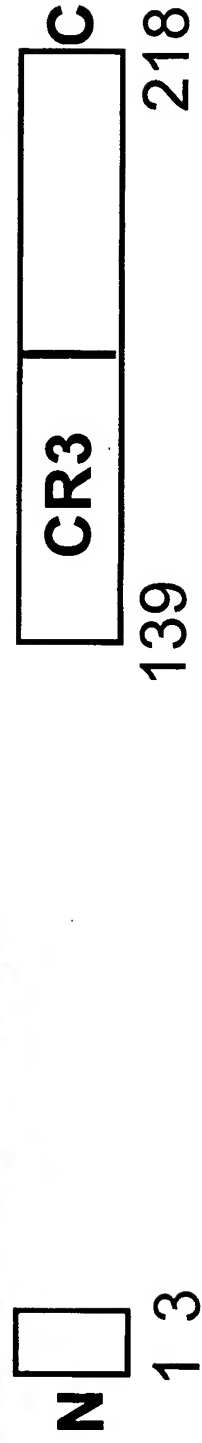
WT-AD5



dI520



dI1119/1131



pfu/ml

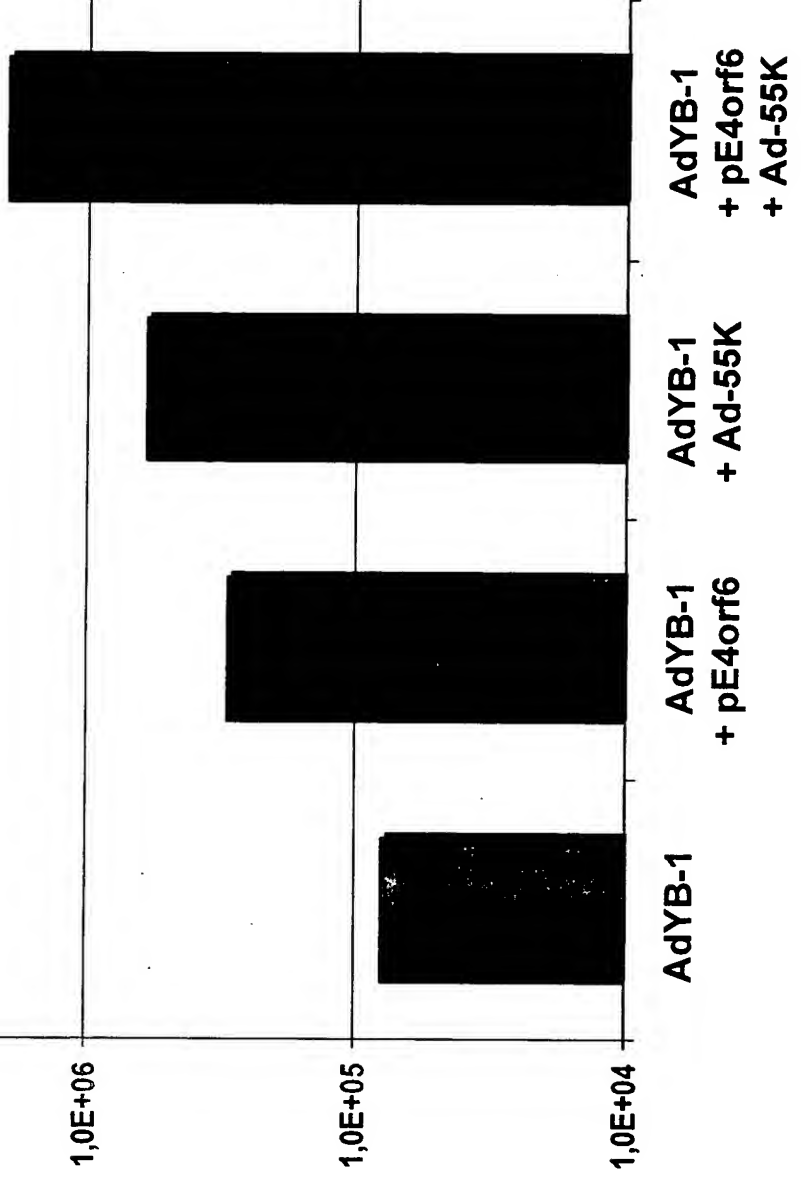
1,0E+07

1,0E+06

1,0E+05

1,0E+04

Fig. 8



fold **Fig. 9**

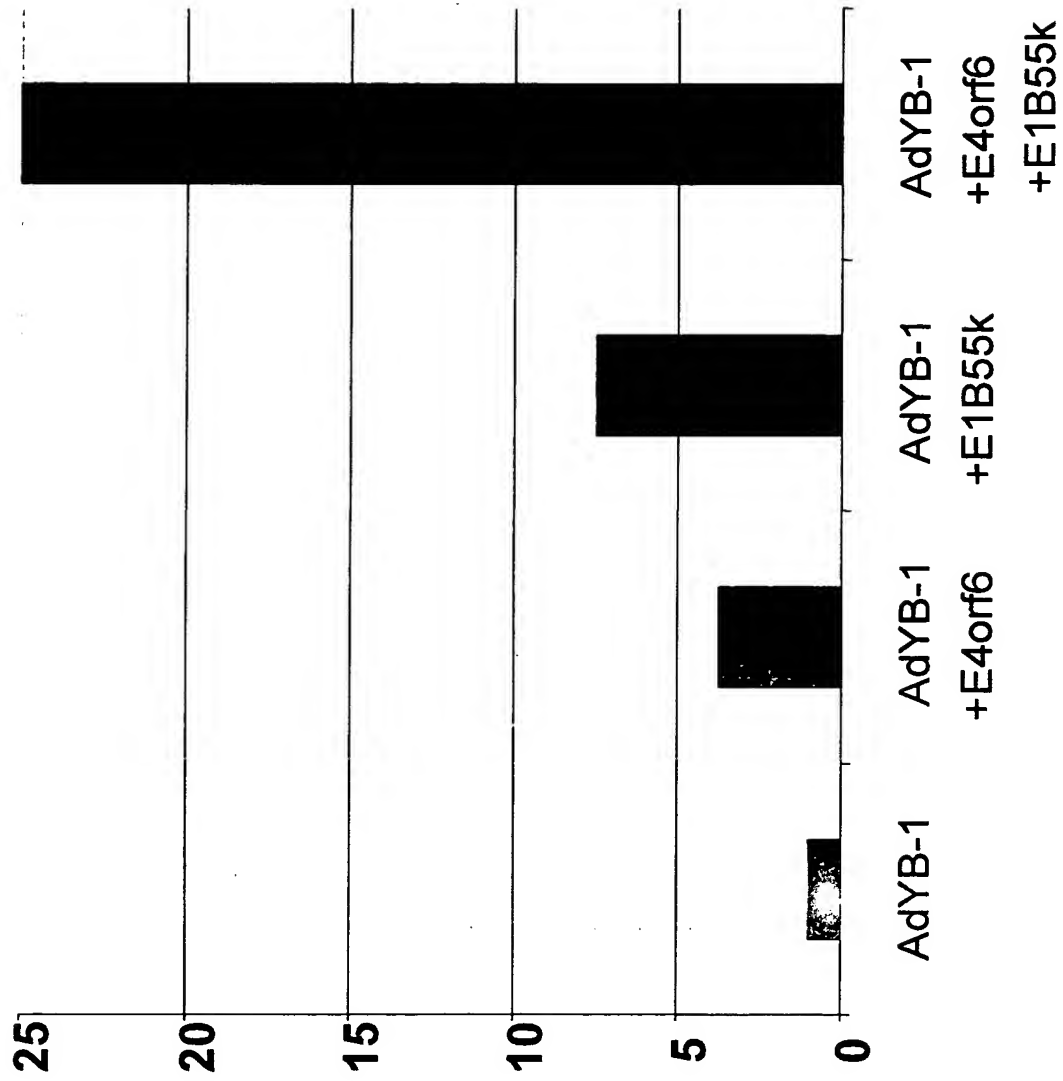
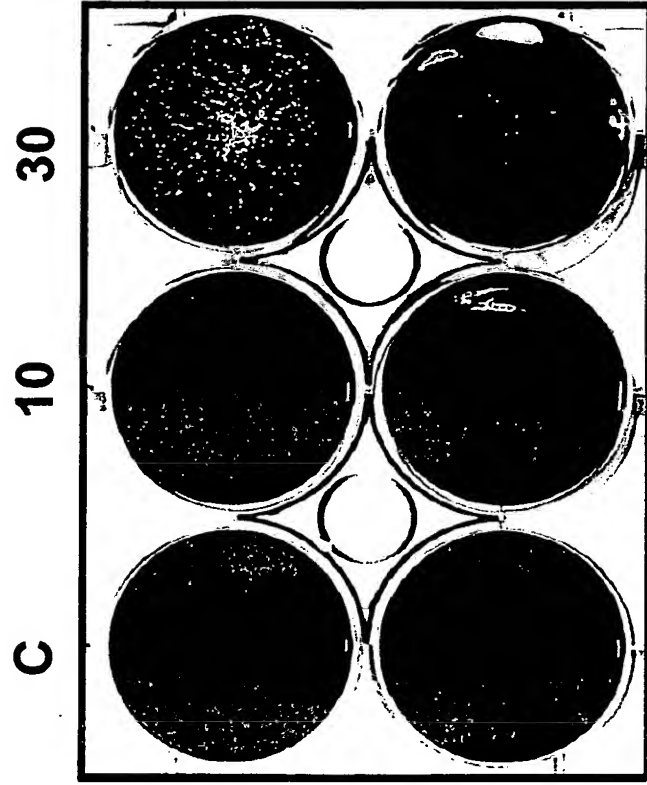


Fig. 10

Control:
No daunorubicin



daunorubicin:
40 ng/ml

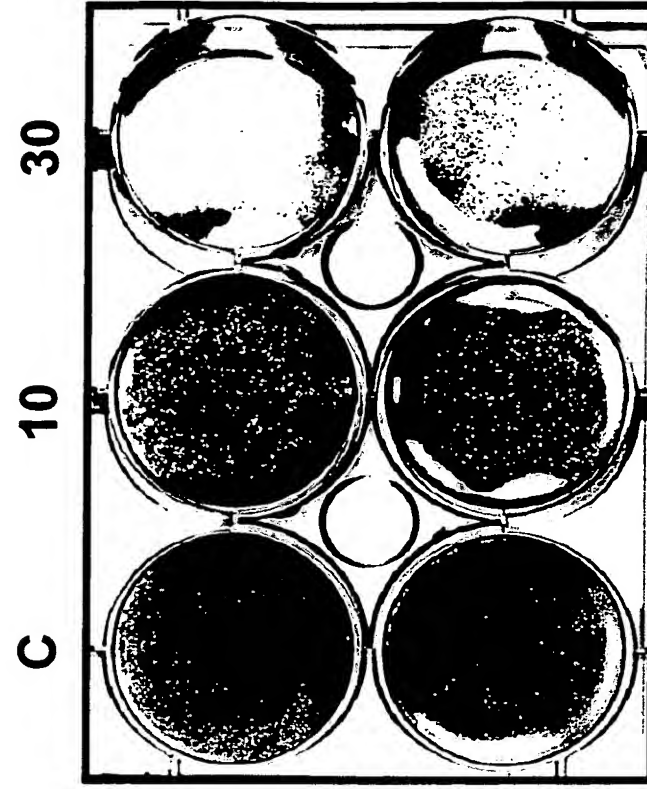
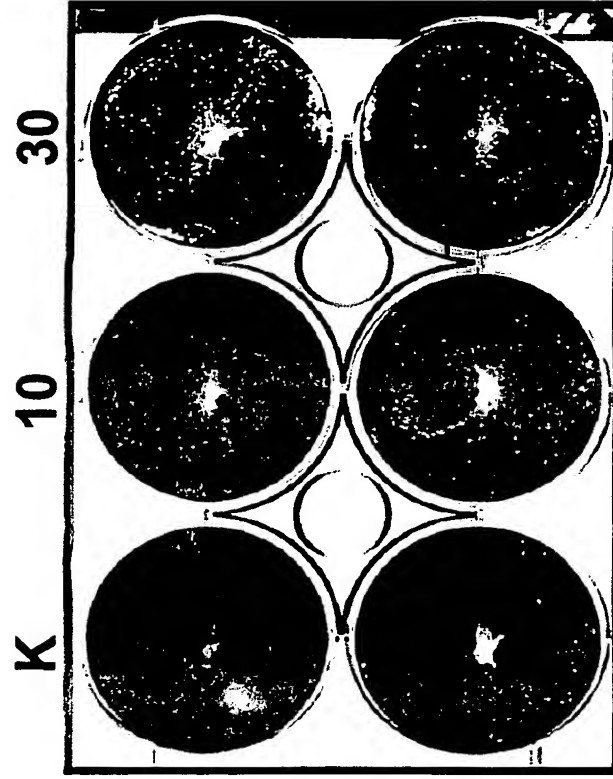


Fig. 11

Control:
No daunorubicin



daunorubicin:
40 ng/ml

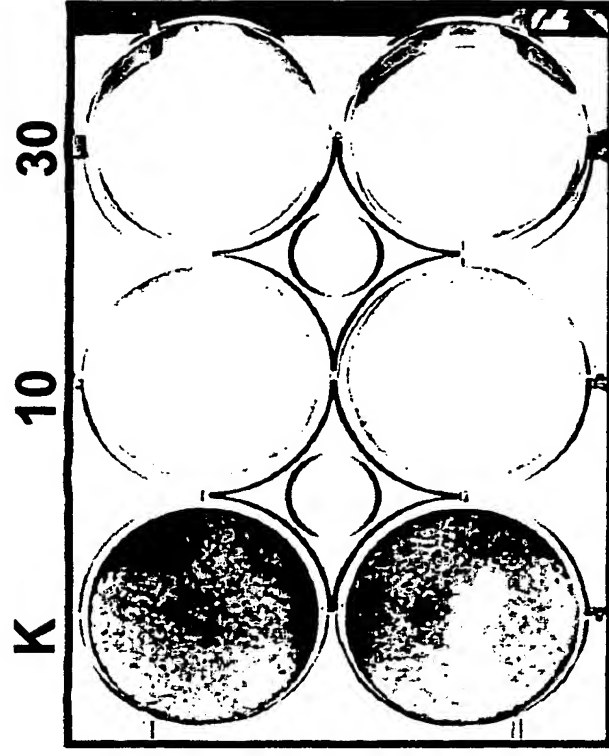


Fig. 12

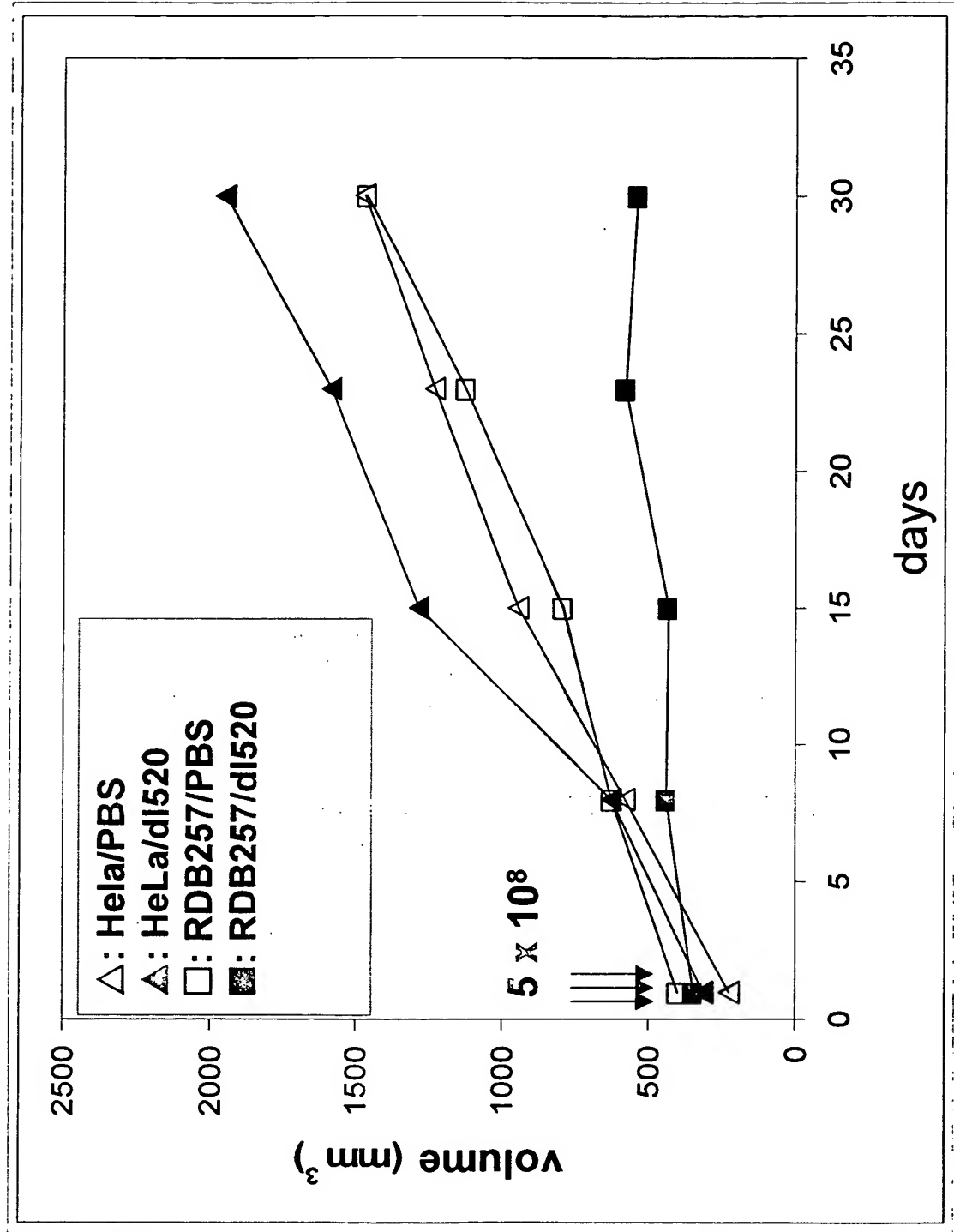


Fig. 13

PBS

5×10^8 dI520



Fig. 14

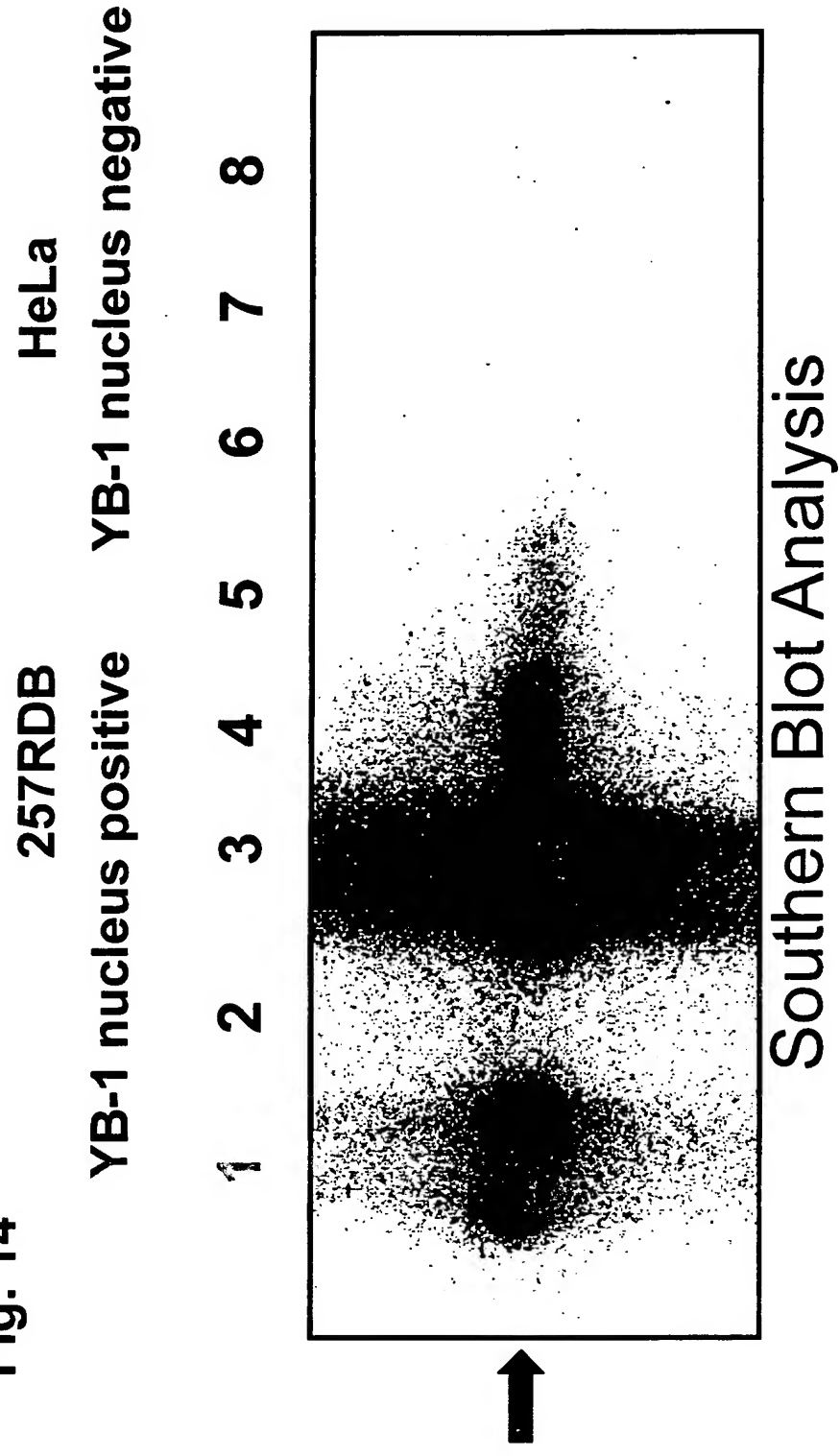


Fig. 15

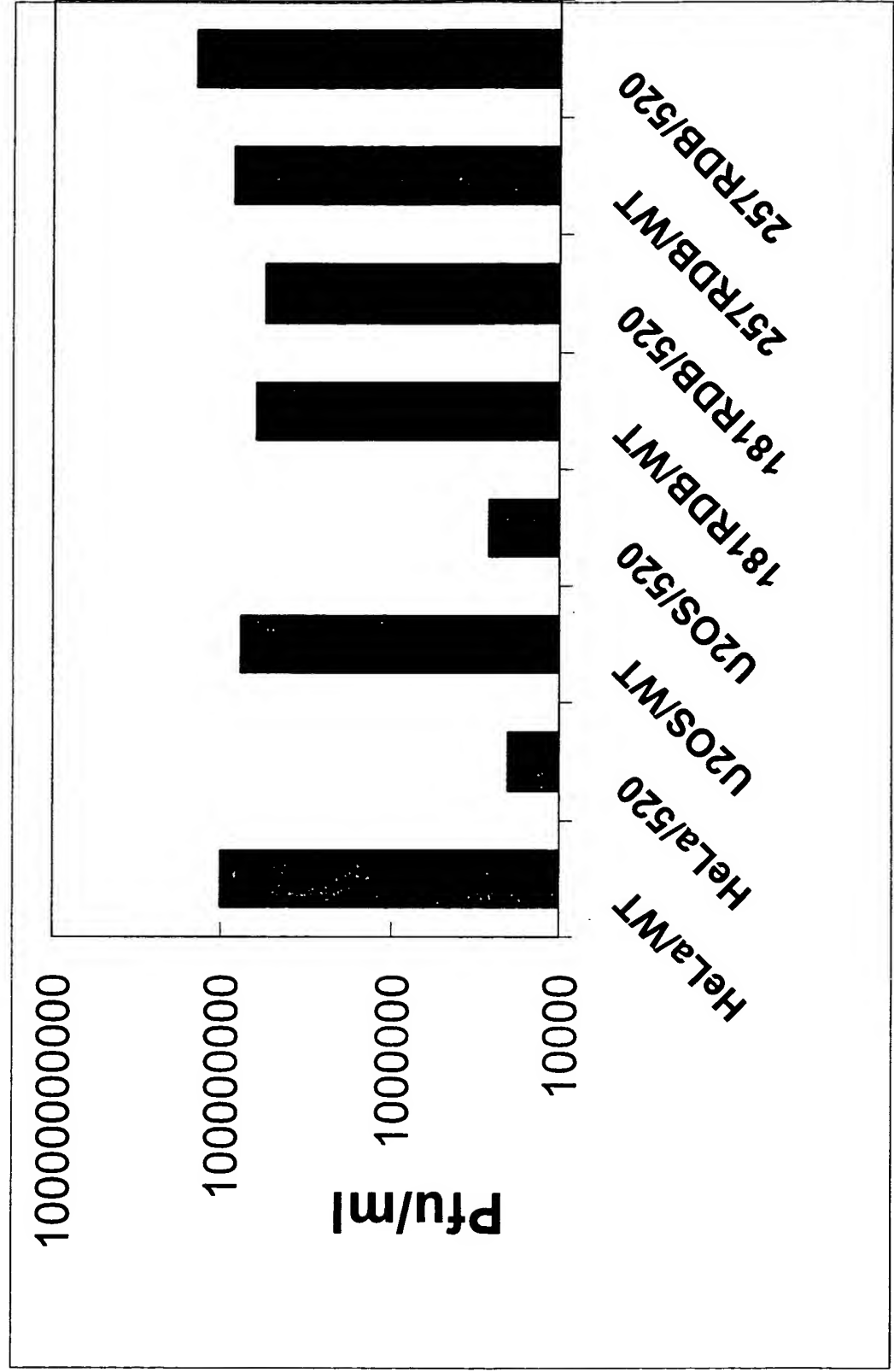
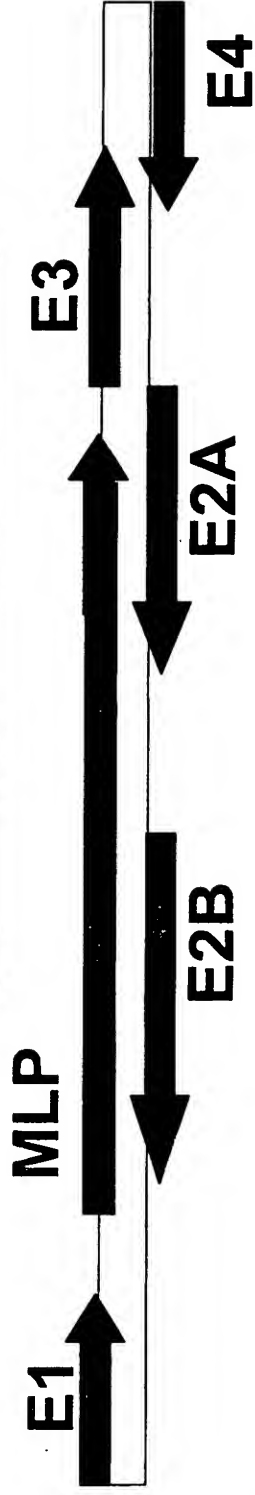


Fig. 16

Wildtype Adenovirus



Xvir03

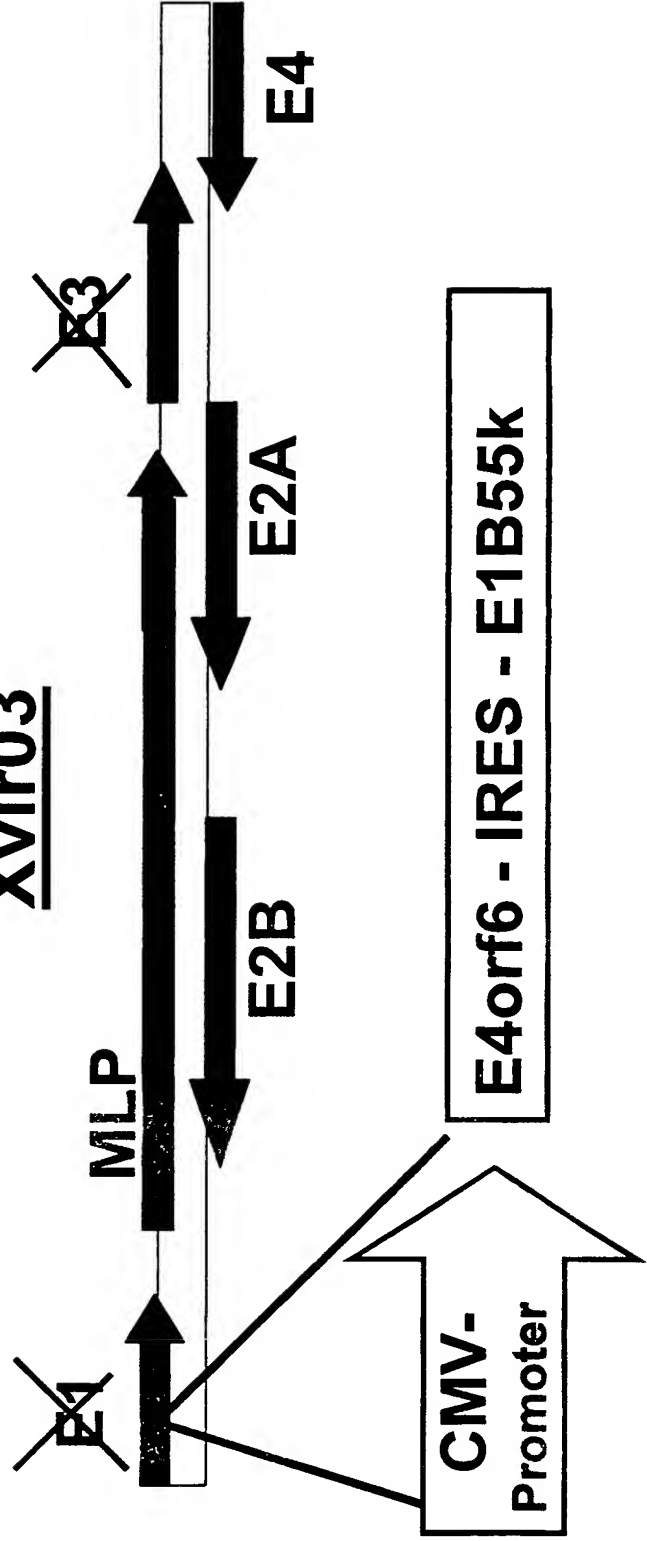


Fig. 17

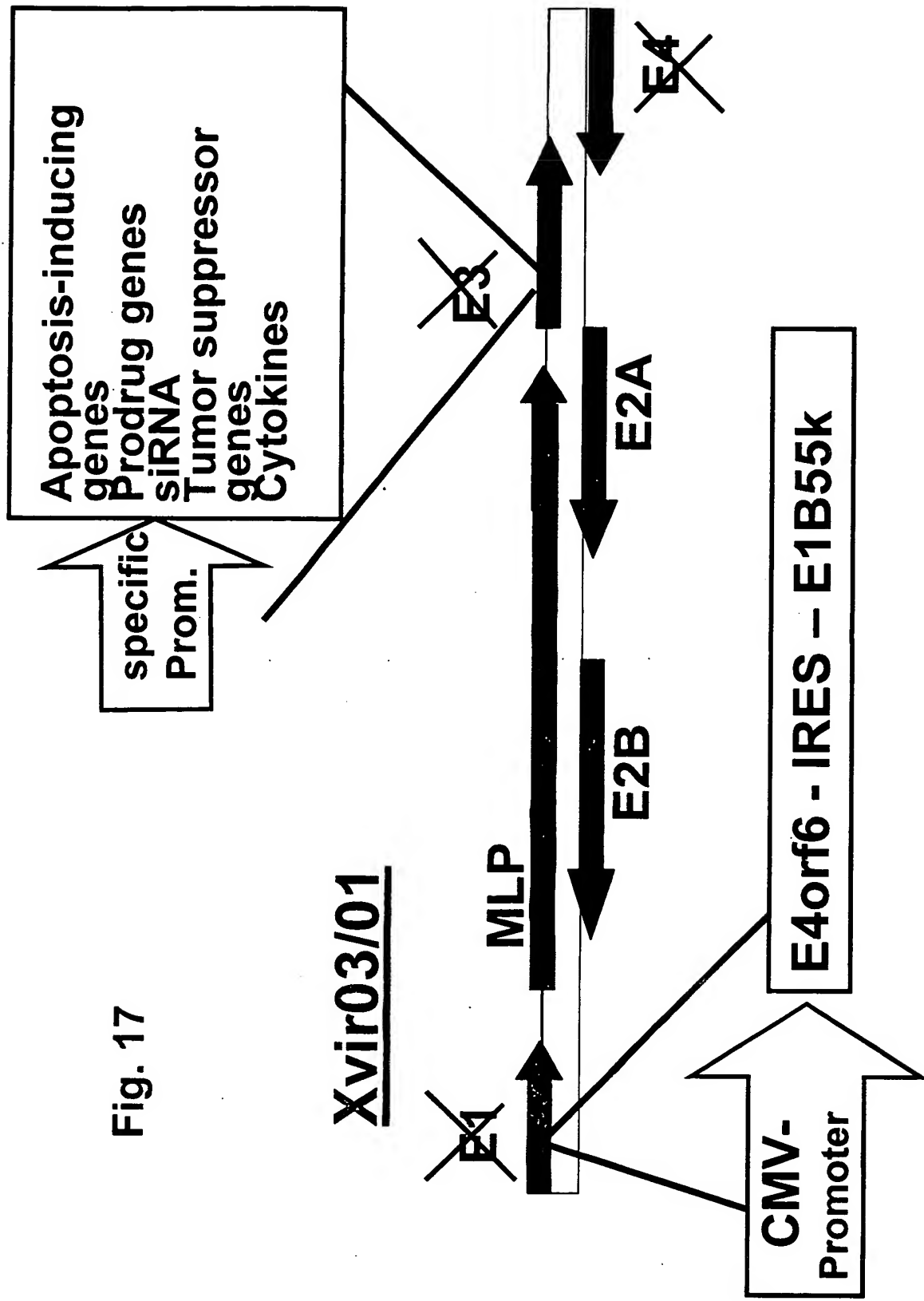


Fig. 18A

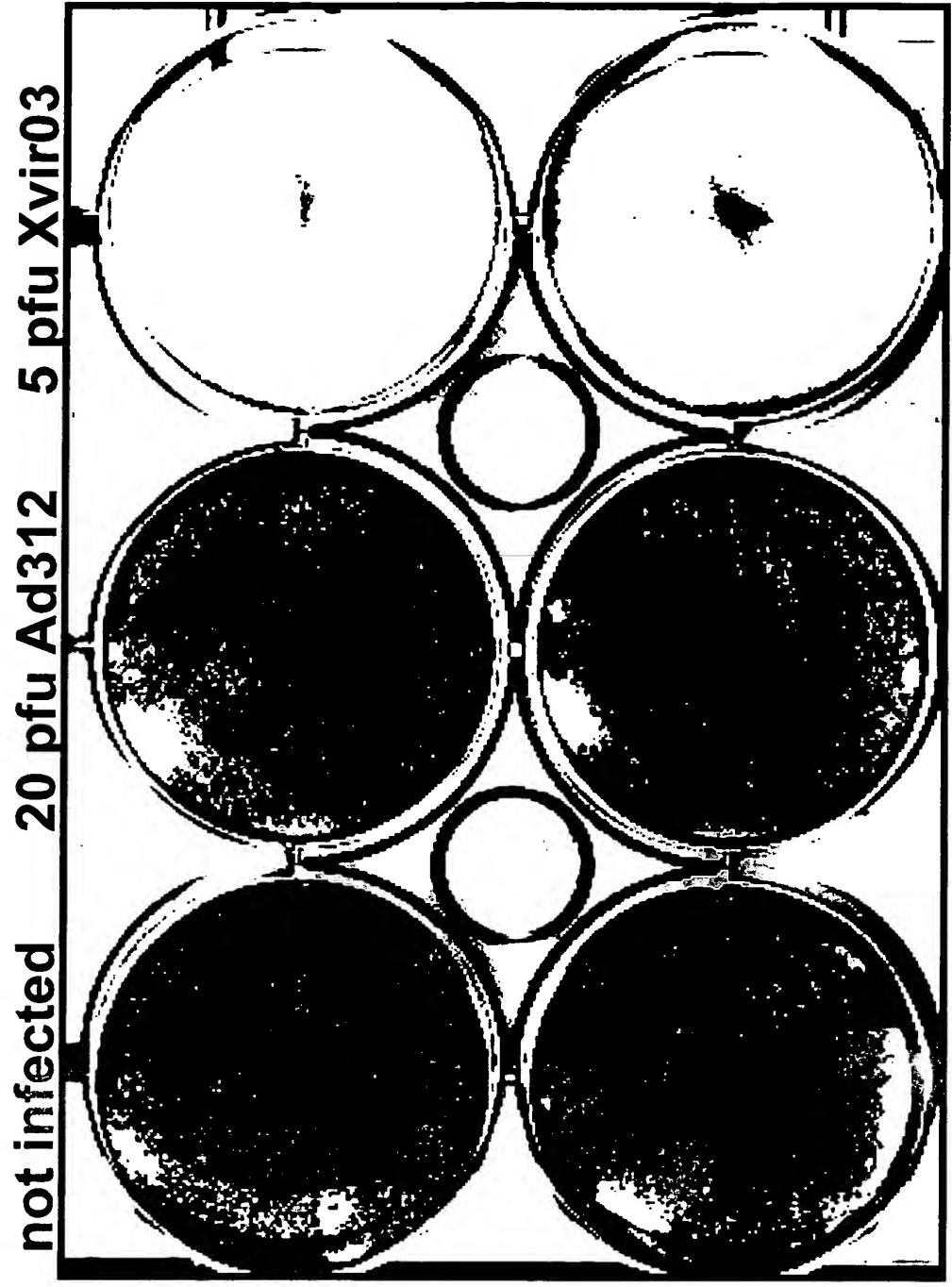
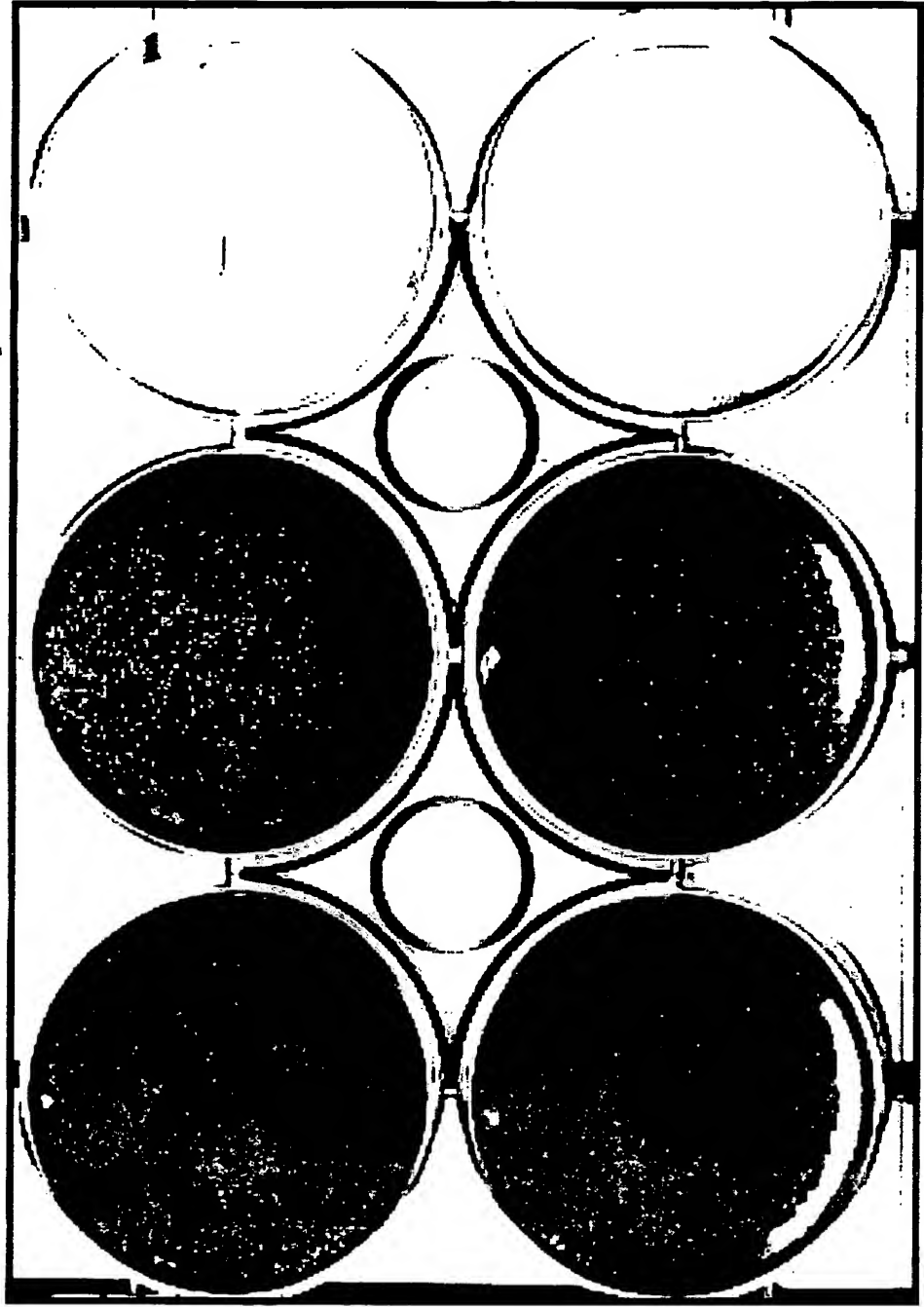


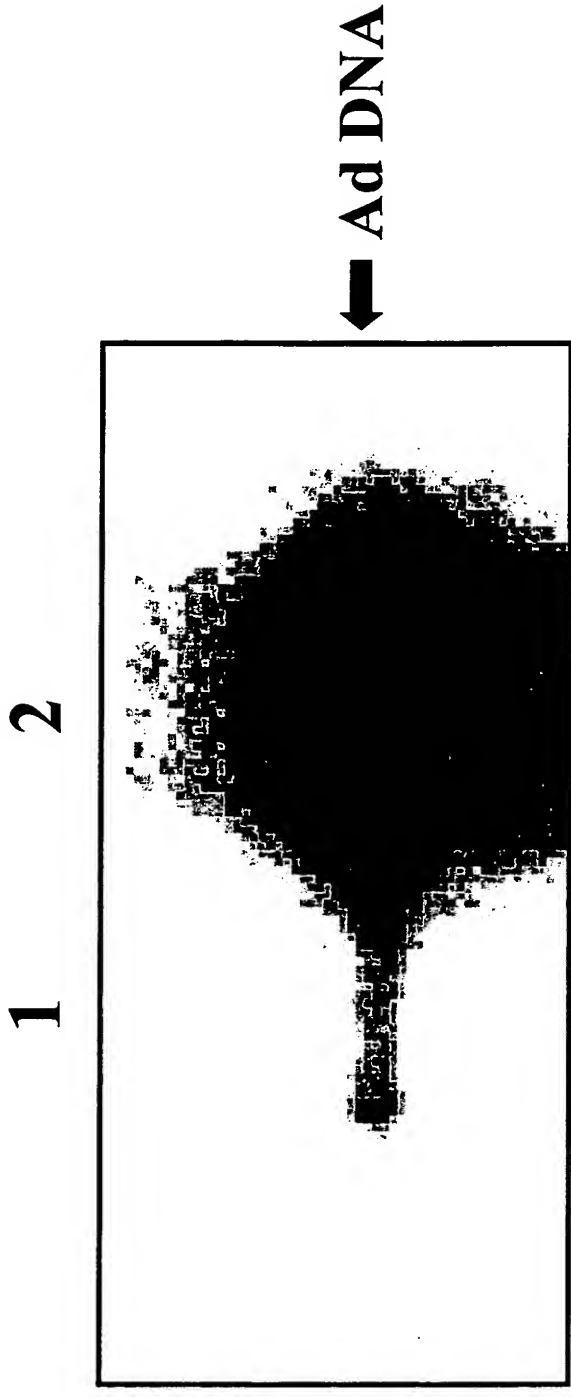
Fig. 18B

not infected 20 pfu Ad312 5 pfu Xvir03



**U373 cells infected with 10 pfu dl520/cell
after incubation with 5 μ M Irinotecan for
24 hours**

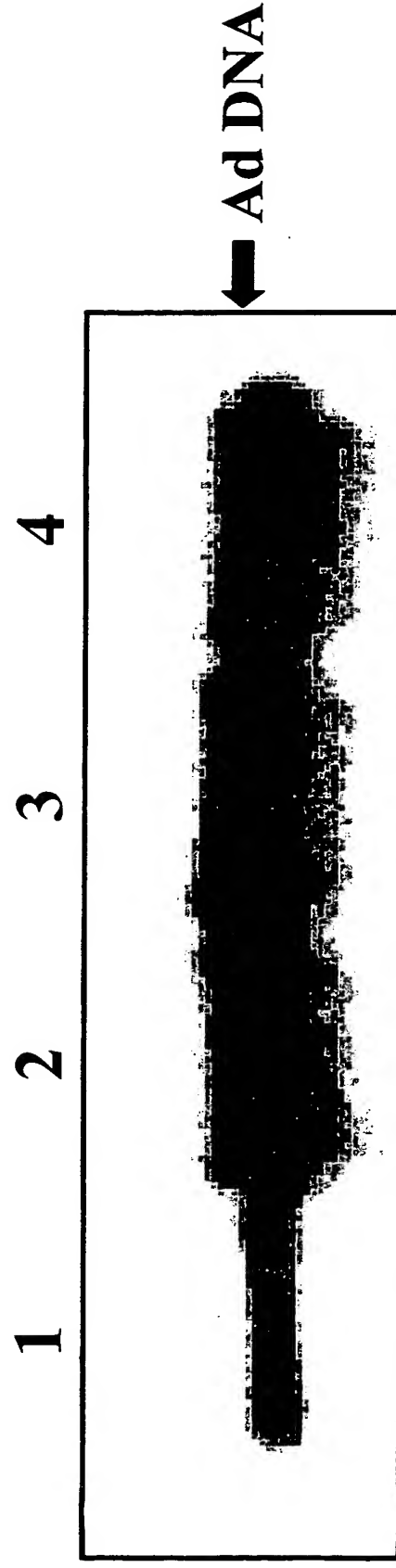
Fig. 19



Southern Blot Analysis

U373 cells infected with 10 pfu dl520/cell
after incubation for 24 hours with
increasing concentrations of Trichostatin

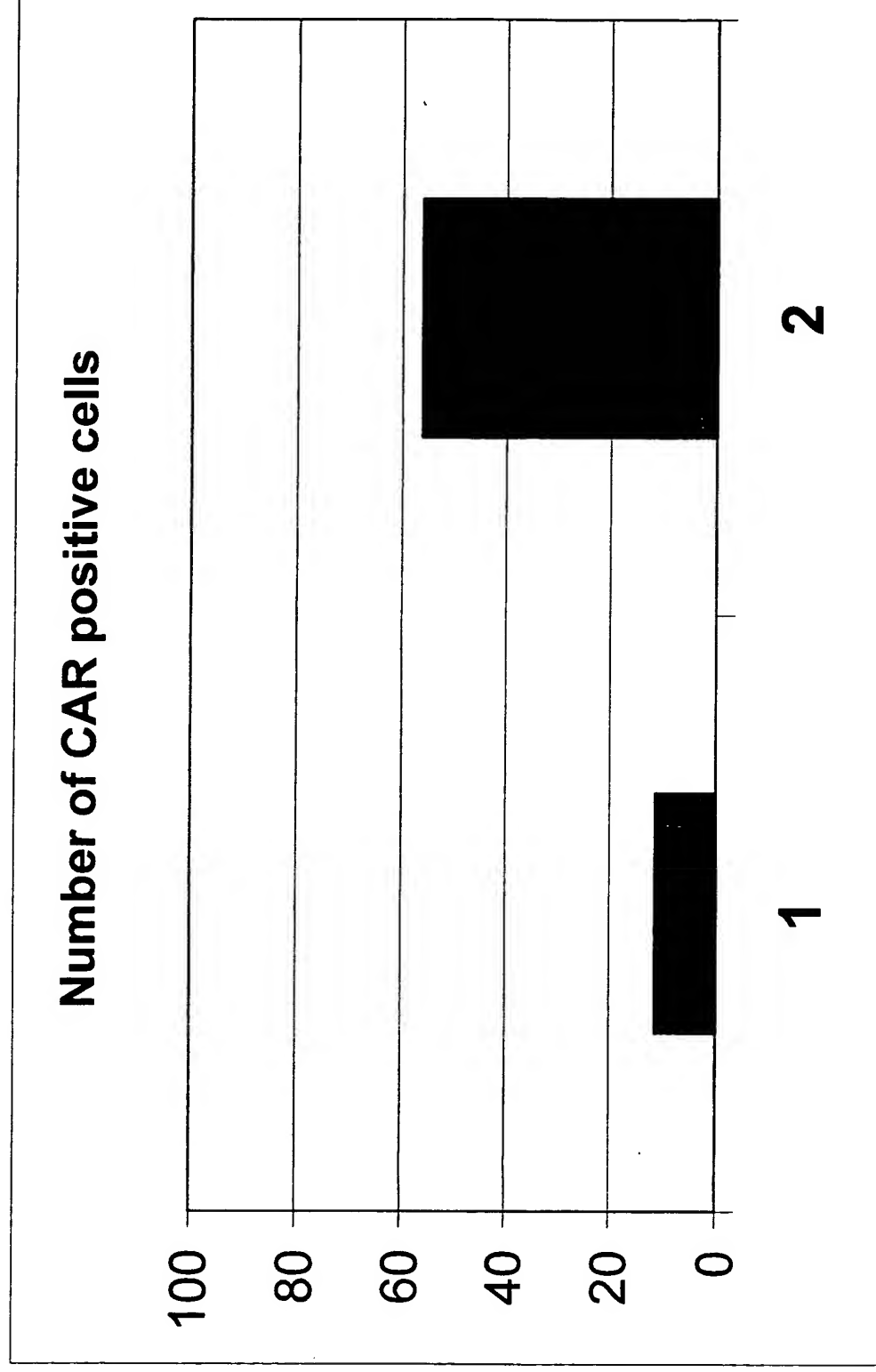
Fig. 20



Southern Blot Analysis

Fig. 21

**FACS analysis: CAR expression of U373 cells
after incubation with Trichostatin for 24 hours**



Oncolytic effect of dl520 in U373 cells in combination with Irinotecan and Trichostatin

Fig. 22

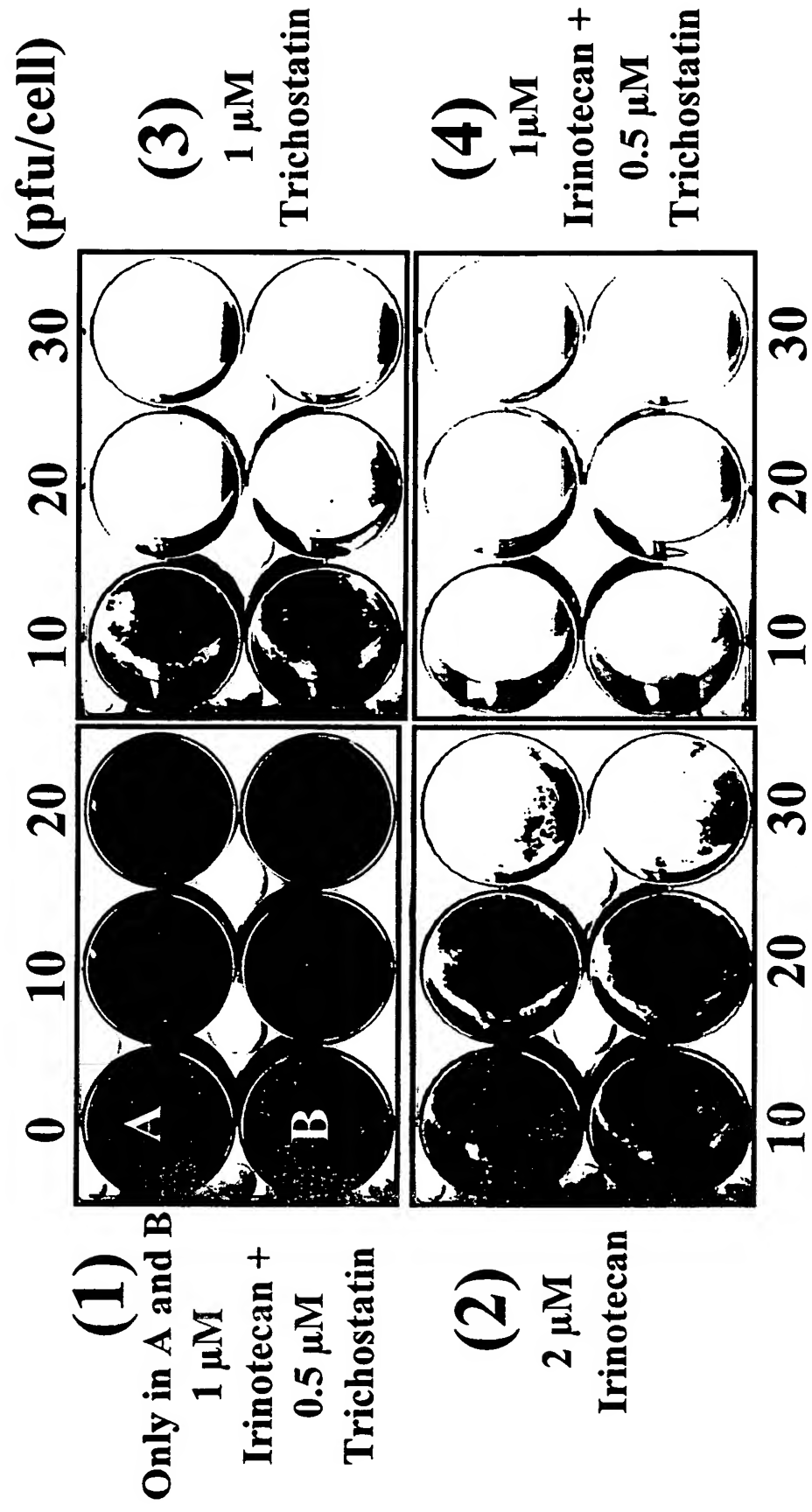


Fig. 23

E1B55k region:

ORF = 2019 – 3506 bp

***Bfr*I – cleavage site = 3534 bp**

3'UTR = 3507 – 4107 bp

E1B55k ORF

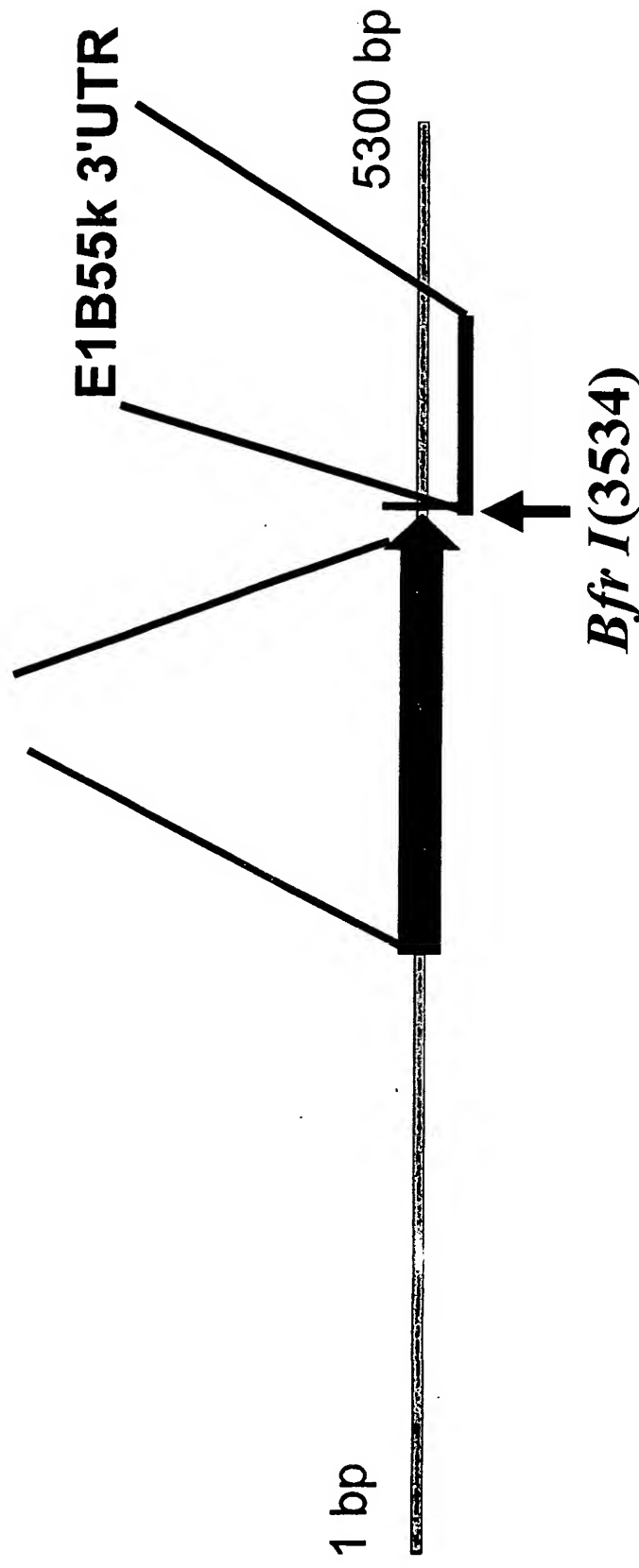


Fig. 24

5'tgaggtaactggtgtggcggtggcttaagggtggaaagaatatataag
gtgggggtcttatgtagttttgtatctgttttcagcagccgcccgcattgagc
accaactcgtttgatggaagcattgtgagctcatattgacaacgcgcattgcccc
catggccgggtgcgtcagaatgtgatgggtccagcattgatggtcgcccc
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